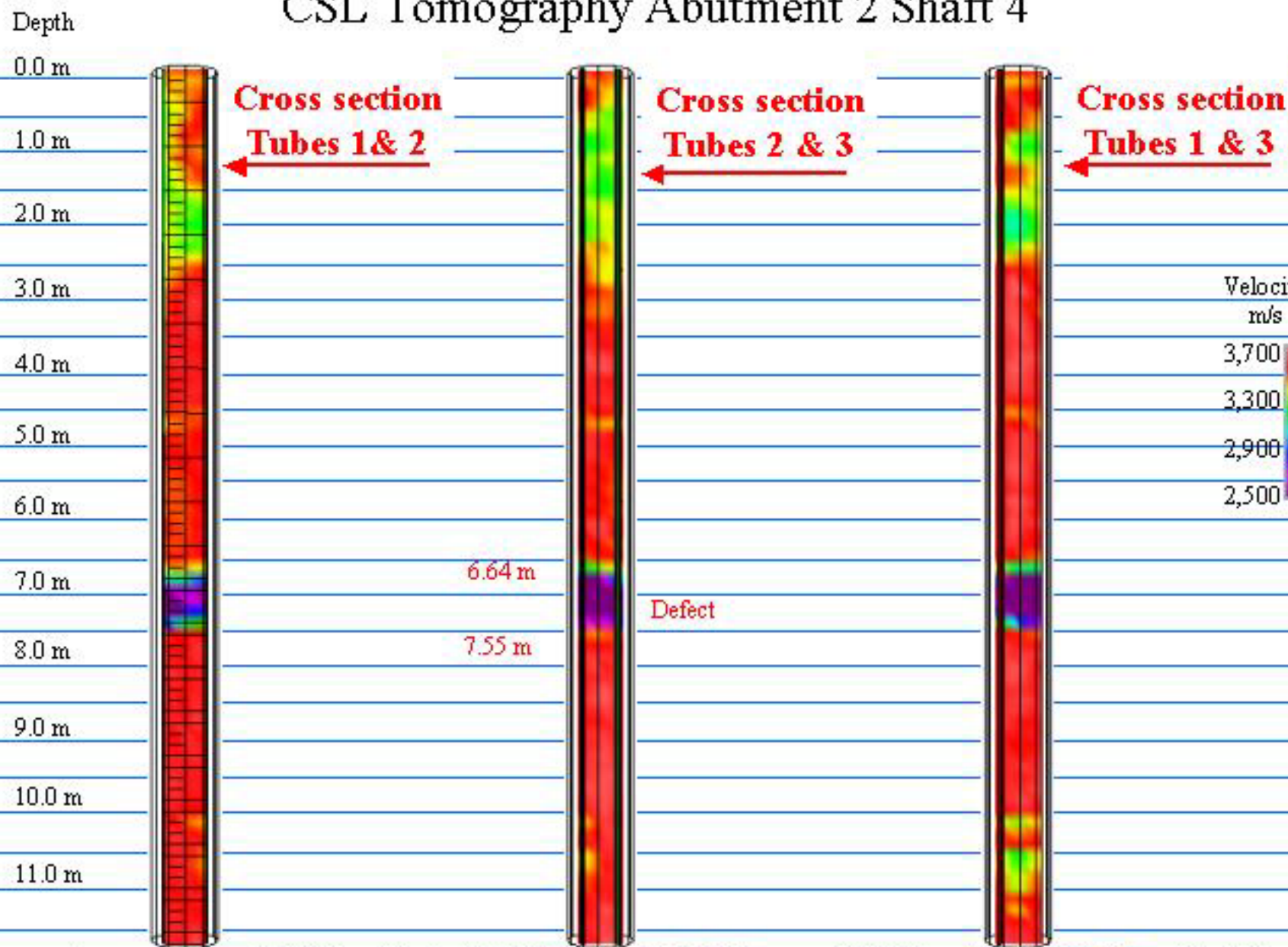


PINEY CREEK BRIDGE
ARROYO SECO BRIDGES
CA PFH 129-1(1)

Tomography imaging of the initial CSL test results
- verticle and horizontal cross-sections-
Abutment 2 Shaft 4

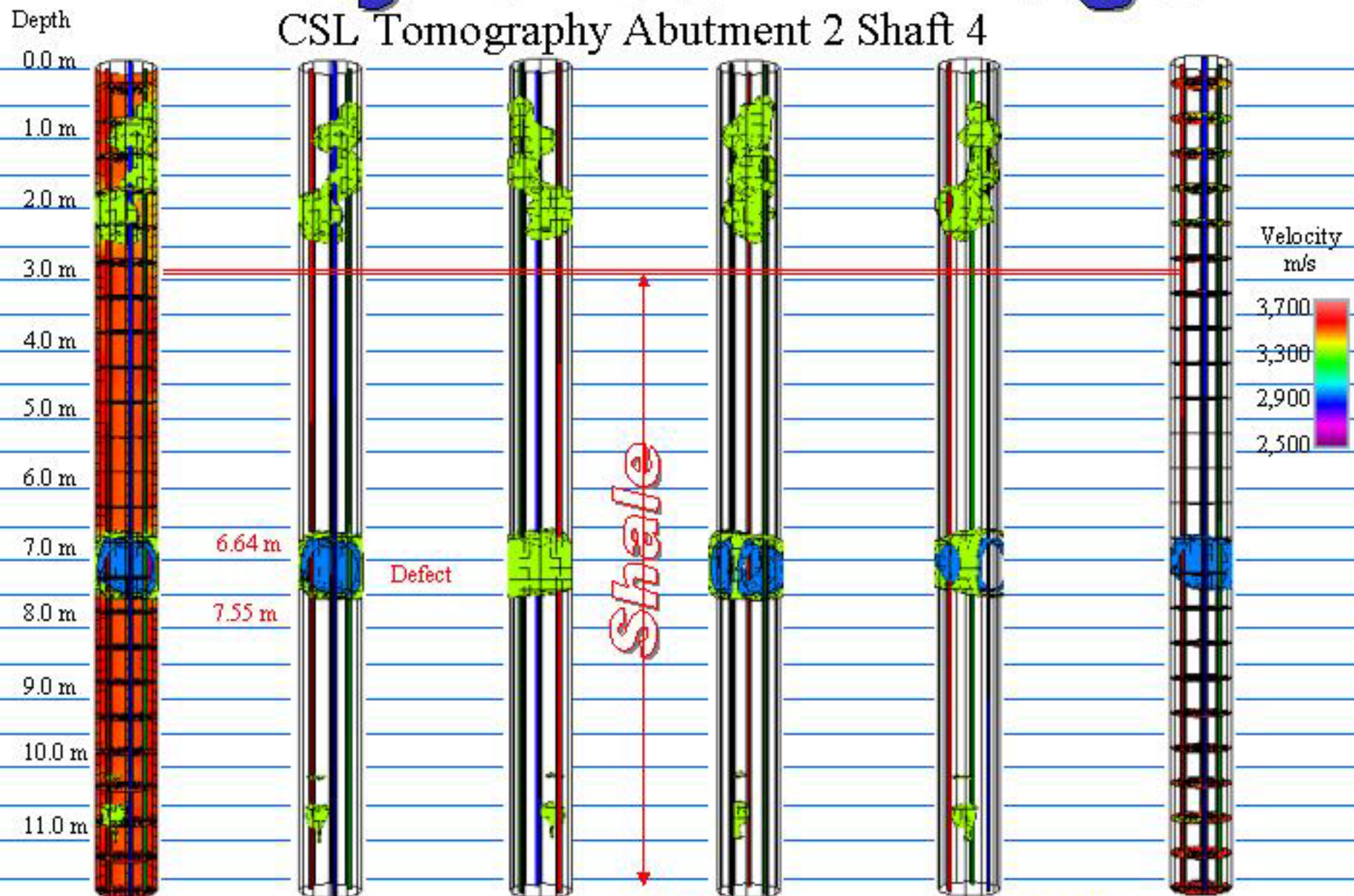
Piney Creek Bridge

CSL Tomography Abutment 2 Shaft 4



Piney Creek Bridge

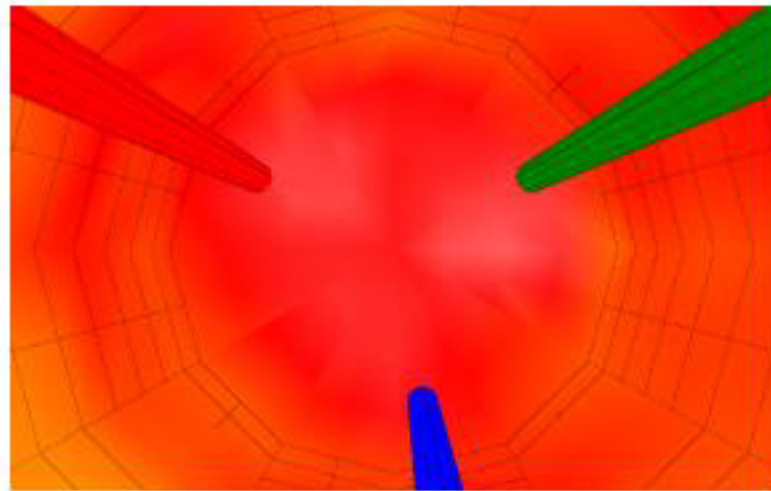
CSL Tomography Abutment 2 Shaft 4



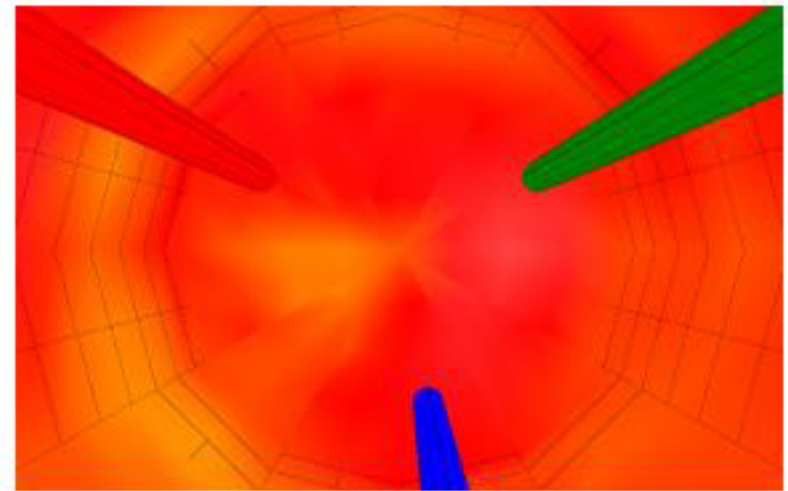
Average Shaft Velocity is 3,660 m/s-- 10% Green (3,294 m/s), 20% Blue (2,928 m/s)

Piney Creek Bridge

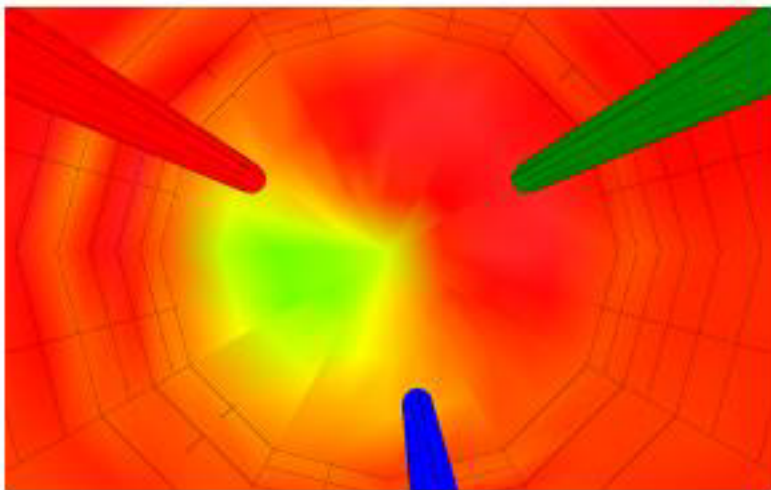
CSL Tomography Abutment 2 Shaft 4



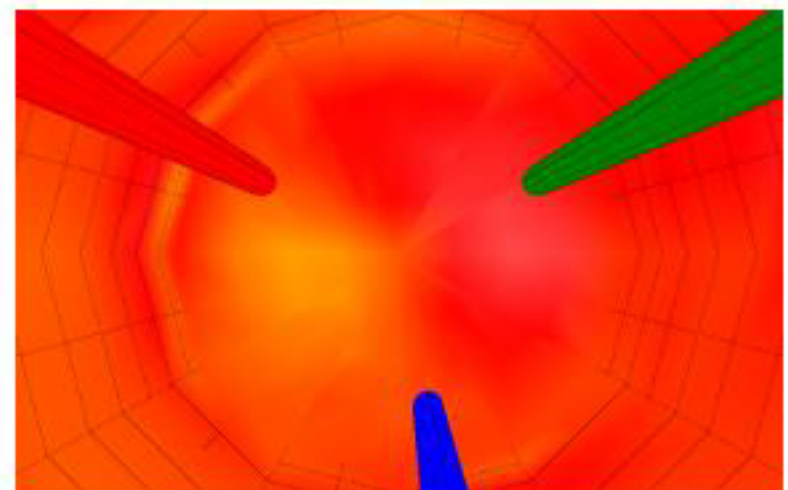
0.0 m from bottom



0.5 m from bottom



1.0 m from bottom

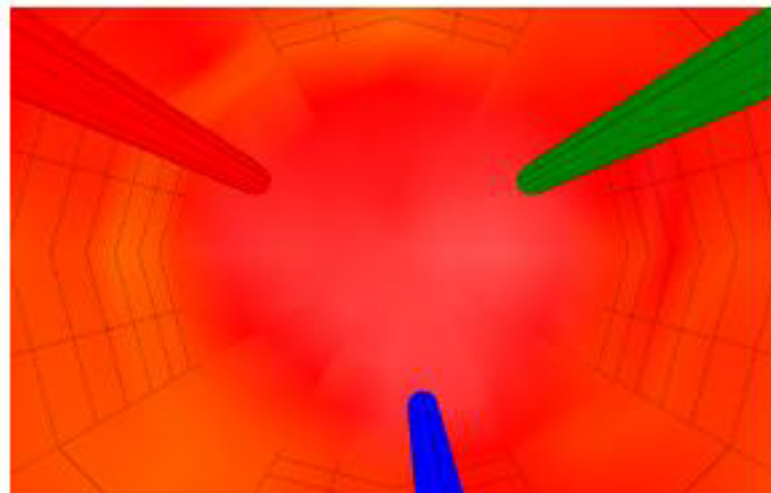


1.5 m from bottom

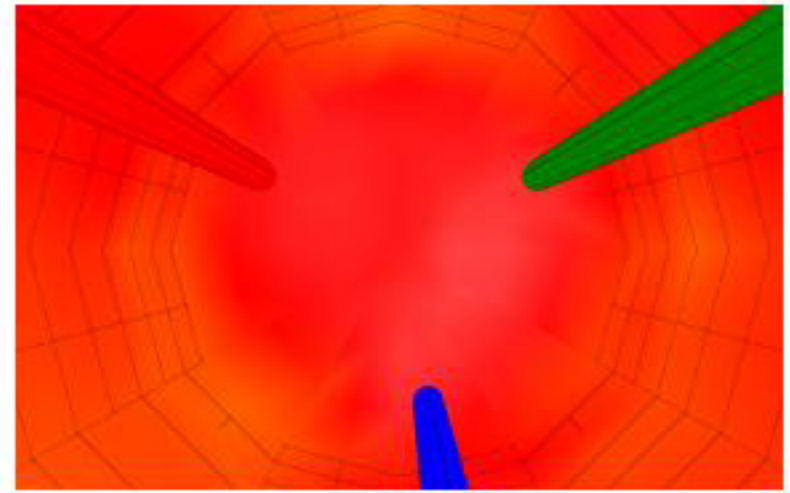


Piney Creek Bridge

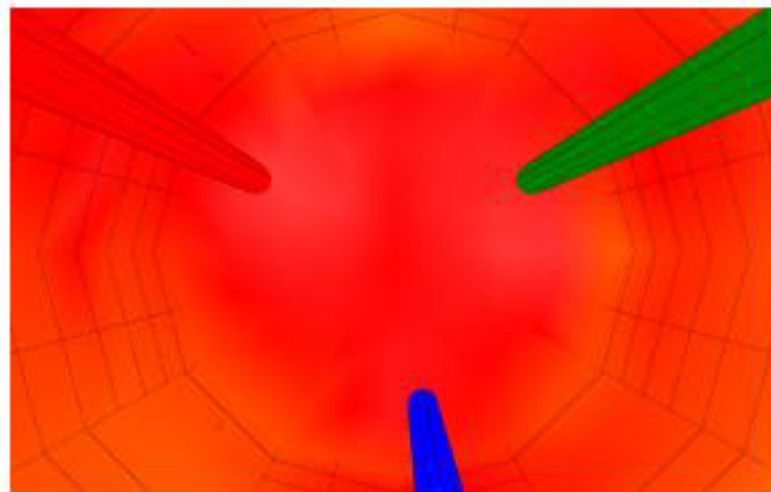
CSL Tomography Abutment 2 Shaft 4



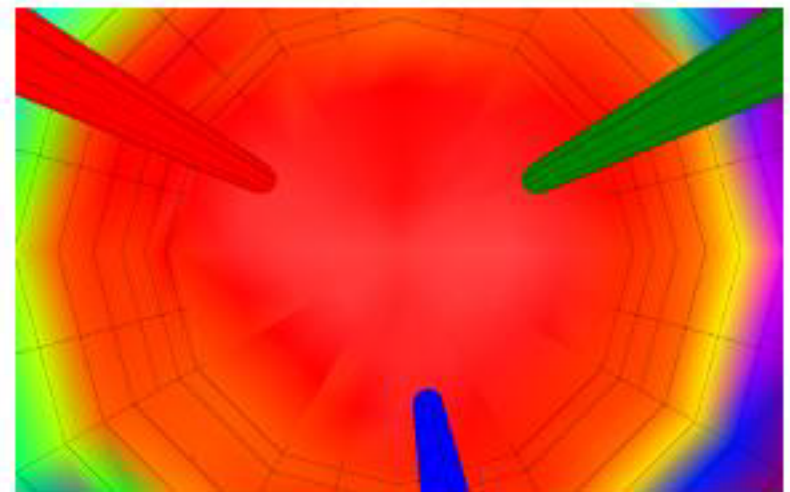
2.0 m from bottom



2.5 m from bottom



3.0 m from bottom

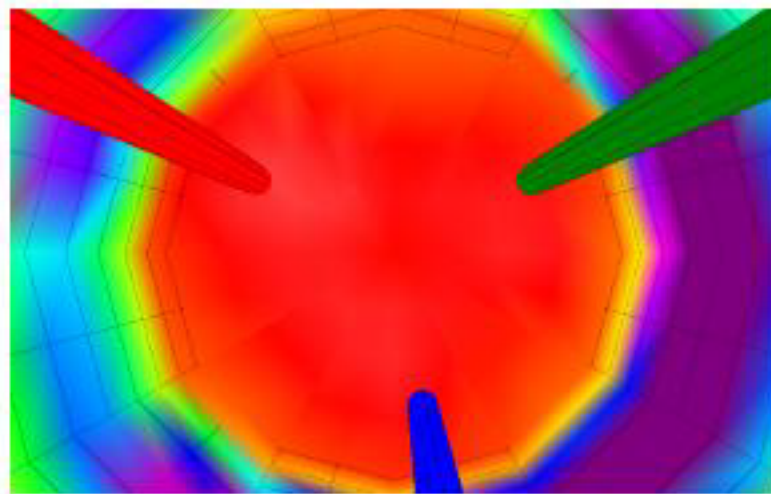


3.5 m from bottom

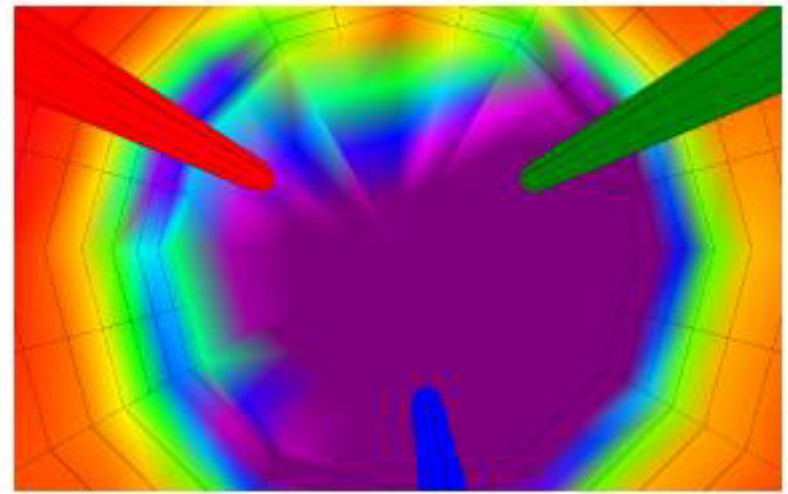


Piney Creek Bridge

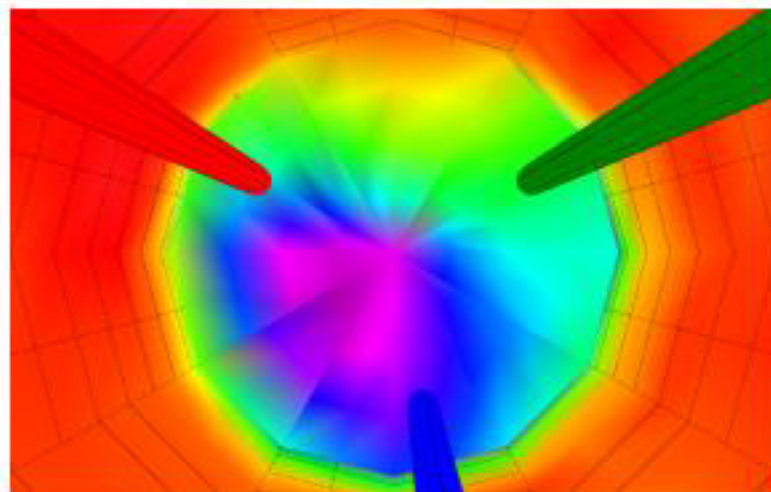
CSL Tomography Abutment 2 Shaft 4



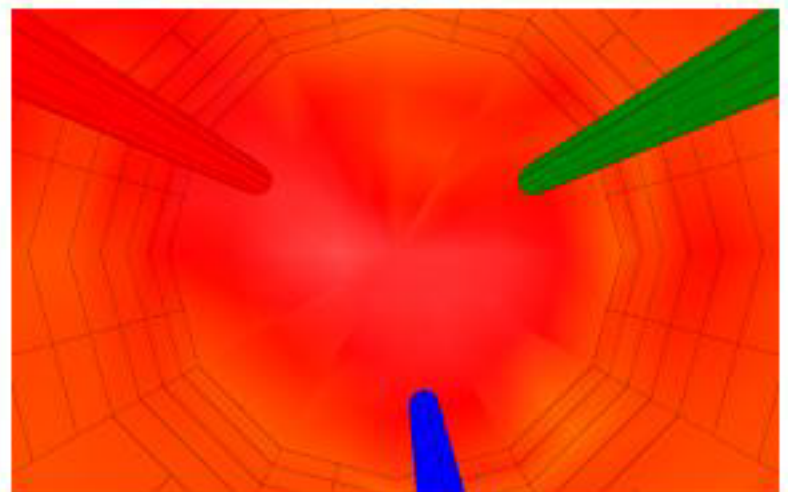
4.0 m from bottom



4.5 m from bottom



5.0 m from bottom

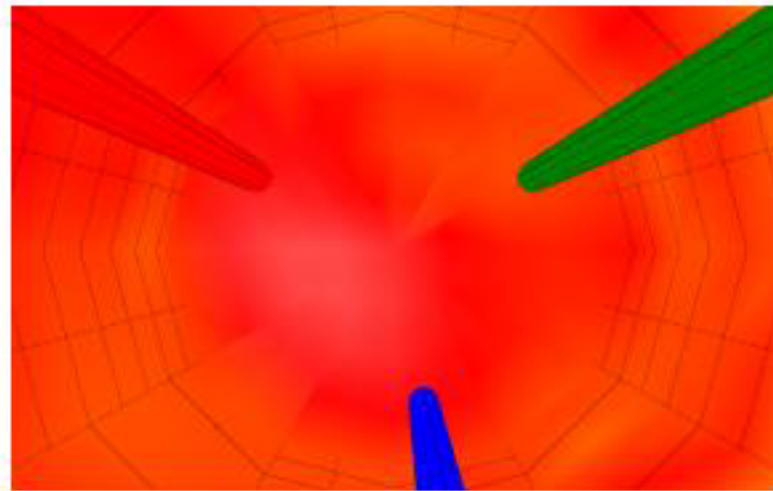


5.5 m from bottom

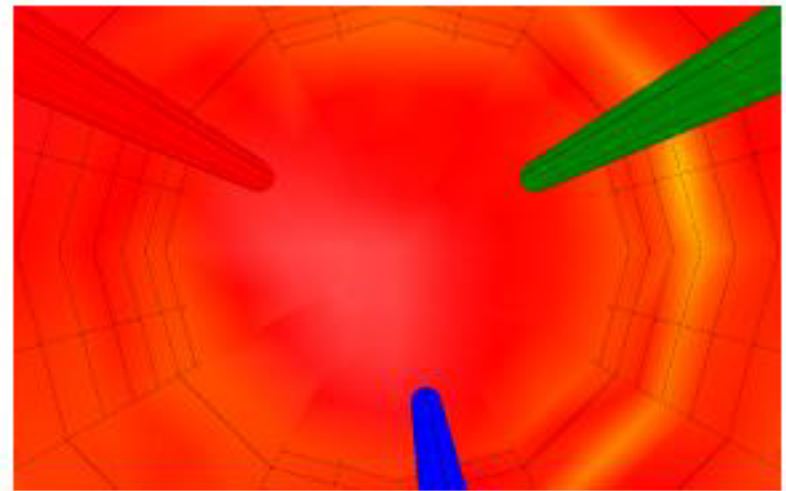


Piney Creek Bridge

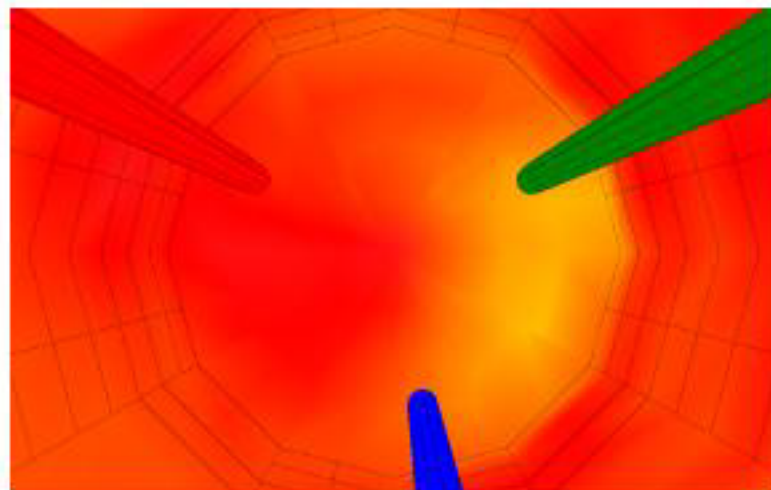
CSL Tomography Abutment 2 Shaft 4



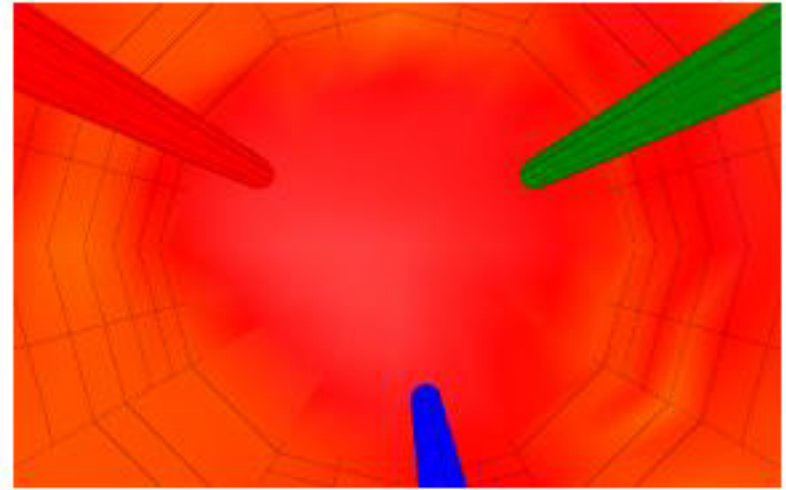
6.0 m from bottom



6.5 m from bottom



7.0 m from bottom

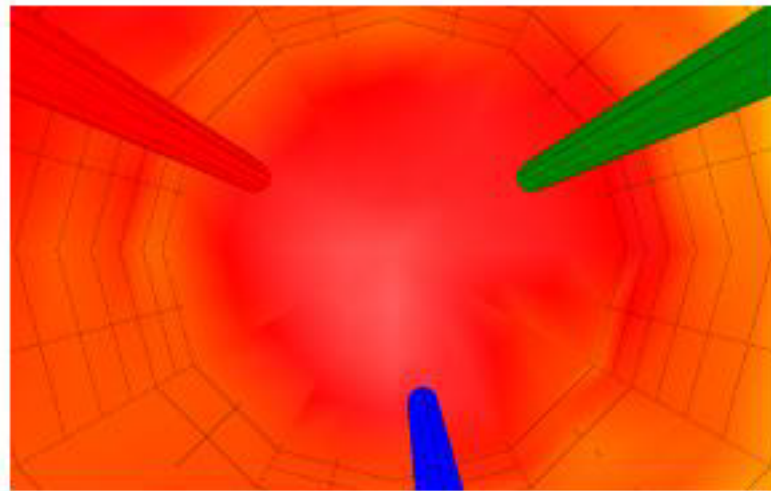


7.5 m from bottom

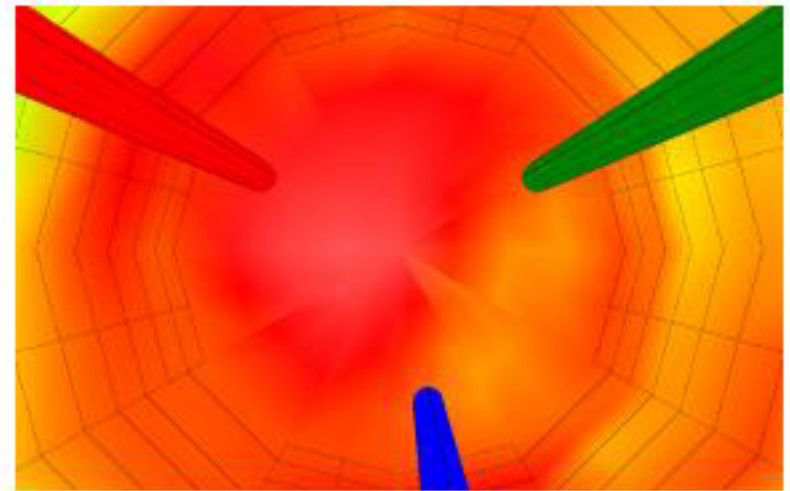


Piney Creek Bridge

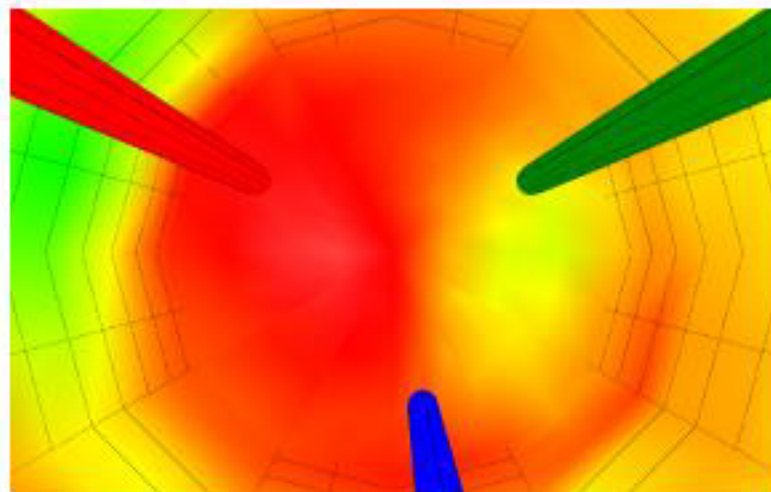
CSL Tomography Abutment 2 Shaft 4



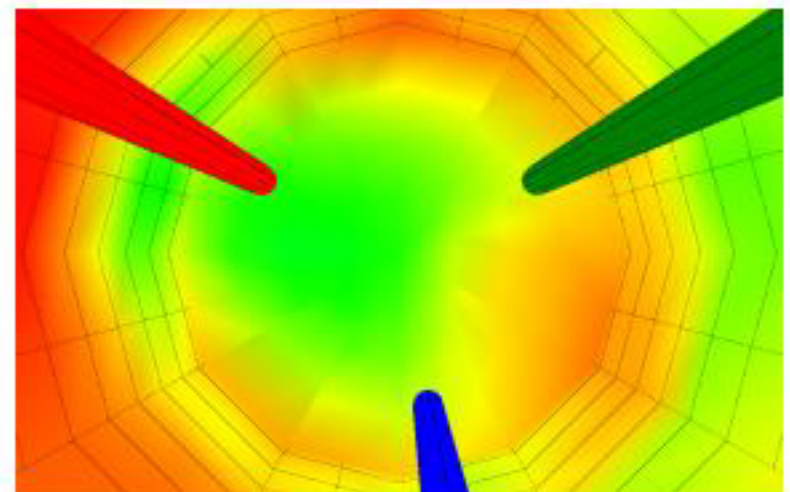
8.0 m from bottom



8.5 m from bottom



9.0 m from bottom

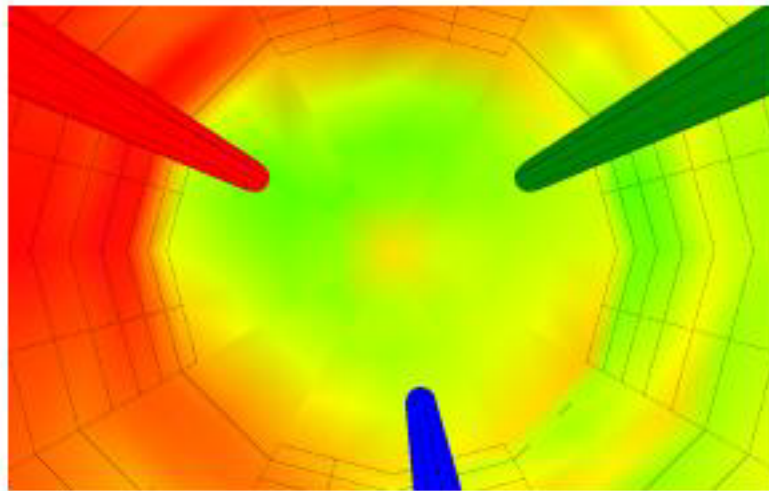


9.5 m from bottom

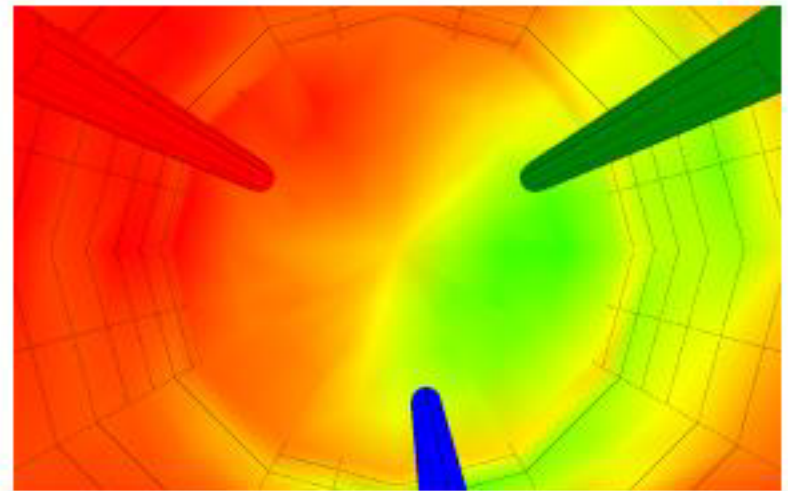


Piney Creek Bridge

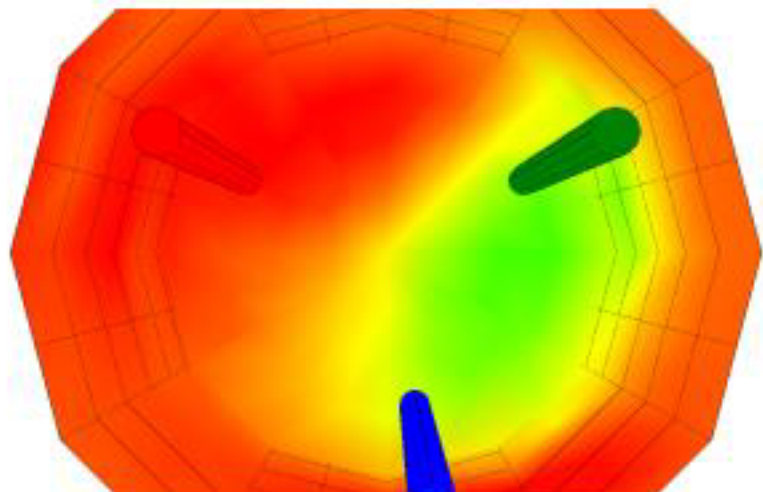
CSL Tomography Abutment 2 Shaft 4



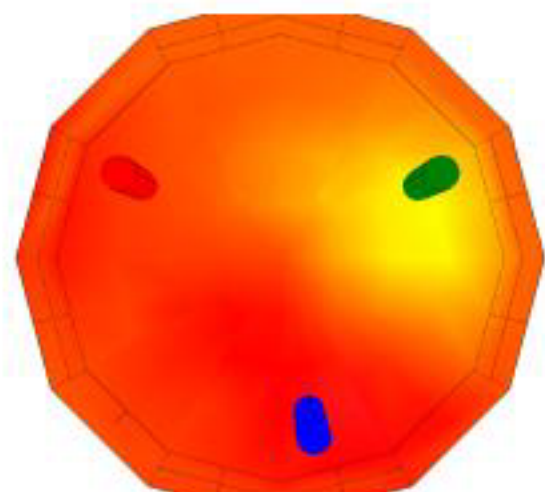
10.0 m from bottom



10.5 m from bottom



11.0 m from bottom



11.5 m from bottom